

Jeffrey 2/25/00

REPORT OF AWP COMPLETION

CALSITES I.D. # 13970001 (8 characters) DATE OF REPORT: 2/23/2000

SITE NAME: NAVAL AIR FACILITY EL CENTRO (NAFEC)

Please circle the CalSites Activity Completed:

BWEBS	CEQA	CERFA	CERT	DCERT	DEED	DES	DISC	DLIST	ERA
FDNC	FORUM	FOSL	FOST	FRA	OM	ORDER	PEA	PPP	RA
RAP	RAW	RIFS	RMDL	SSESB	STAB	VOMP	5 YEAR		

Unit Description SITE 3 - Sludge Burial Area

SPECIFIC UNIT DESCRIPTION:

Site 3 - Sludge Burial Area is located at the northwest corner of NAFEC, east of sewage stabilization ponds and north of Patrol Road. Approximately 800 cubic feet of sewage sludge were dumped into this area. The primary contaminants of concern (COCs) are Arsenic, cadmium, chlordane, chromium, and lead. The extent of contamination is assumed to encompass an area of approximately 50 feet wide and 70 feet long and a depth of 8 feet.

DESCRIPTION OF ACTIVITY:

The Non-Time Critical Removal Action (NTCRA) at IR Site 3 consisted of the characterization, excavation, and disposal of contaminated soil. The NTCRA was performed between March 4, 1998 and April 22, 1998. Approximately 1,950 cubic yards of soil were excavated from Site 3. Approximately 184 tons of California state-hazardous waste and 490 tons of California state-designated nonhazardous waste were excavated and transported offsite. The remainder of the soil, approximately 1,276 tons, which was not shipped offsite, was used as part of the fill for the inert soil cell at the NAF El Centro Site 1.

Remaining Work to be Done (If any) NONE

Approximate Cost and Funding Source: Less than \$ 1 million for the removal action plus the cost of six rounds of groundwater monitoring, DSMOA DERA funded

PROJECT MANAGER <i>David Deitman 2/24/2000</i>	UNIT CHIEF <i>Phil/C. Haida</i>	BRANCH CHIEF <i>[Signature]</i>
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REQUIRED DOCUMENTATION PROVIDED: [] None []
Send Backup Documentation on Completed RAPS / RODS / RAWS (Including executive summary)
Orders / Agreements, CERT / COM / DELIST packages to Headquarters

If this Report of Completion is for a Removal Action or Certification, see Page 2 on back.

INFORMATION FOR REMOVAL ACTION / CERTIFICATION REPORT

Volume Remediated (Total)	<u>1,950 cubic yards</u>		
		Removed	Treated
Cubic Yards of Solids:	<u>1,950</u>		
Gallons of Liquid:			

Did the activity include a CAP? (X or Blank) _____

Did the activity include a Fence? (X or Blank) _____

Did the activity include the decommissioning of a well? (X or Blank) _____

Groundwater Remediation Extraction Rate (GPM): _____

Cubic Feet per minute of Soil Vapor Extraction: _____

No. Acres of Land Returned / Released for reuse: 1/2 acre

Bases on: Cleaned Up X

 Evaluated & Found No Significant Risk _____


C - Commercial [] I - Industrial [] R- Residential [x] U - Unknown []

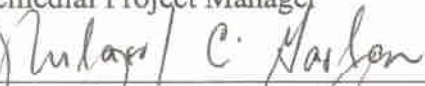
REMEDIAL ACTION CERTIFICATION


Removal Action at IRP Site 3 - Sludge Burial Area, Naval Air Facility El Centro

1. **Certification of Remedial or Removal Action:**

I hereby certify that the following information is true and correct to the best of my knowledge.

1. 
Remedial Project Manager

2. 
Unit Chief

3. 
John E. Scandura, Chief
Southern California Branch
Office of Military Facilities

2/24/2000
Date

2/24/00
Date

2/25/00
Date

2. **Certification Statement:**

Based upon the information which is currently and actually known to DTSC.

- ☒ DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary.
- ☐ DTSC has determined, based upon a remedial investigation or site characterization that the site poses no significant threat to public health, welfare or the environment and therefore implementation of removal/remedial measures is not necessary.
- ☐ DTSC has determined that all appropriate removal/remedial actions have been completed and that all acceptable engineering practices were implemented; however, the site requires ongoing operation and maintenance (O&M) and monitoring efforts. The site will be deleted from the "active" site list following (1) a trial operation and maintenance period and (2) execution of a formal written settlement between DTSC and the responsible parties, if appropriate. However, the site will be placed on DTSC's list of sites undergoing O&M to ensure proper monitoring of long-term clean-up efforts.

3. Site Name and Location: (Street address, County, City and zip code)

Naval Air Facility El Centro (NAFEC)

1605 3rd Street

El Centro, California 92243-5001

- A. List any other names that have been used to identify this site:

Naval Auxiliary Landing Field (NALF), Naval Air Station (NAS), Naval Auxiliary Air Station (NAAS), National Parachute Test Range (NPTR)

- B. Address of site if different from above:

C. Assessor's Parcel Numbers: Not Applicable. Please refer to the attached certified site boundary survey.

4. Responsible Parties: (Use extra pages if necessary.)

Name: U. S. Navy

Title: Commanding Officer

Firm: Naval Air Facility El Centro

Address: 1605 3rd Street

City: El Centro Zip: 92243-5001

Telephone: (760) 337-5220

Relationship to site: such as generator, hauler, etc.

Current Landowner/Operator U.S. Navy

5. Brief Description and History of the Site: (Include previous and current uses of site, a brief description of the cleanup action and concentrations of significant hazardous substances left on site)

Site 3 - Sludge Burial Area is located at the northwest corner of NAFEC, east of sewage stabilization ponds and north of Patrol Road. Approximately 800 cubic feet of sewage sludge were dumped into this area. The primary contaminants of concern (COCs) are Arsenic, cadmium, chlordane, chromium, and lead. The extent of contamination is

assumed to encompass an area of approximately 50 feet wide and 70 feet long and a depth of 8 feet. Six rounds of groundwater monitoring were performed since completion of the soil removal action with the final round ending in October 1999.

The Removal Action (RA) at IR Site 3 consisted of the characterization, excavation, and disposal of contaminated soil. The RA was performed between March 4, 1998 and April 22, 1998. Approximately 1,950 cubic yards of soil were excavated from Site 3.

Approximately 184 tons of California state-hazardous waste and 490 tons of California state-designated nonhazardous waste were excavated and transported offsite. The remainder of the soil, approximately 1,276 tons, which was not shipped offsite, was used as part of the fill for the inert soil cell at the NAF El Centro Site 1.

6. Type of Site: (Check if appropriate response)

Included in Bond Expenditure Plan?

Yes _____ No X

RCRA-Permitted Facility _____ Bond-funded _____

RCRA Facility Closure _____ RP-funded _____

*NPL _____

Federal Facility X

Other (i.e., walk-in): _____ Explain Briefly: _____

7. Size of Site: (Based on Expenditure Plan definition of size)

Small _____ Medium X Large _____ Extra Large _____

8. Dates of Remedial or Removal Action:

A. Initiated March 4, 1998 B. Completed April 22, 1998

*Per SARA, any NPL site that is not permanently cleaned must be scheduled for a follow-up visit after years to verify that cleanup measures are still satisfactory.

X Removal Action (satisfactory abatement of site)

_____ Final Remedial Action

_____ RCRA enforcement/closure action

_____ No action, further investigation verified that no cleanup action at site was needed.

A. Type of Remedial or Removal Action (e.g. Excavation and redisposal, cap, on-site treatment?):

3. Estimated quantity of waste associated with the site (i.e., tons/gallons/cubic yards) which was:

- ## 10. Cleanup Levels/Standards

- U.S. EPA R9 PRGs for residential use

- C. If “no”, why not: _____

A. Did DTSC order the Remedial or Removal Action?

- Removal Action Plan Date
- 10/97

- Post Construction Date 8/99

- D. Did a registered engineer or geologist verify that acceptable engineering practices were implemented?
Yes X No ____ Name Greg Cagle, R.G # 6354., Bechtel Project Manager, Date 10/97
- E. Did DTSC confirm completion of all Remedial Actions?
Yes X No ____ Date of Verification 9/30/99
(i.e. manifest, sampling, demonstrated installation and operation of treatment)
- F. Did DTSC (directly or through a contractor) actually perform the Remedial Action?
Yes ____ No X Name of Contractor: _____
- G. Was there a community relations plan in place? Yes X No ____
- H. Was a remedial action plan developed for this site? Yes X No ____
- I. Did DTSC hold a public meeting regarding the draft RAP? Yes X No ____
- J. Were public comments addressed?
Yes ____ No X Date of DTSC analysis and response: No comments were received from the public.
- K. Are all of the facts cited above adequately documented in the DTSC files?
Yes X No ____
If no, identify areas where documentation is lacking
12. EPA Involvement in the Remedial or Removal Action:
- A. Was the EPA involved in the site cleanup? Yes ____ No X
- B. If yes, did EPA concur with all remedial action? Yes ____ No ____
- C. EPA comments _____
EPA staff involved in cleanup: _____

13. Other Regulatory Agency Involvement in the Cleanup Action:

Agency:

Activity:

X RWQCB Review reports Joan Stormo 760-776-8982
X IWMB Review reports John Clinkenbeard 916-255-3833
X CDFG Review reports Scott Flynt 916-324-4428
X Other agencies that reviewed the CEQA document:
 Caltrans
 Dept. of Parks and Recreation
 State Lands Commission
 Historic Preservation Agency
 Air Pollution Control District (APCD)

14. Post-Closure Activities:

A. Will there be post-closure activities at this site? (e.g. Operation and Maintenance)

Yes _____ No X

If yes, describe: _____

B. Have post-closure plans been prepared and approved by DTSC?

Yes _____ No X

C. What is the estimated duration of post-closure (including operations and maintenance) activities? _____ years

D. Are deed restrictions proposed or in place? Yes _____ No X

If "yes", have deed restrictions been recorded with the County Recorder?

Yes _____ No _____ Date _____

If "no", who is responsible for assuring that the deed restrictions are recorded?

Who is the Division contact? Fred Rivera -IRP manager 760-339-2226
(Name/Phone Number)

E. Has cost recovery been initiated? Yes _____ No X

If yes, amount received \$ _____; _____ % of DTSC costs.

F. Were local planning agencies notified of the cleanup action? Yes _____ No X

15. Expenditure of Funds and Source:

(Information to be supplied by Toxic Accounting Unit.)

Funding Source and amount expended:

_____ HWCA \$ _____	_____ HSA \$ _____
_____ HSCF \$ _____	_____ RCRA \$ _____
_____ HSCF \$ _____	_____ RCRA \$ _____
_____ HSCF \$ _____	_____ RCRA \$ _____

_____ X Federal Cooperative Agreement \$ Not Available _____

16. Additional Comments: _____

NAF EL CENTRO

DESCRIPTIONS FOR SITES 3 AND 8 LANDFILL CLOSURES

In the County of Imperial, State of California, described as follows:

Site 3-

Beginning at NAF Station Monument NEI 22 (N-1883208.609, E-6736485.139);
Thence N03°13'15"E a distance of 2494.47 feet to the TRUE POINT OF BEGINNING;
Thence N27°38'01"W a distance of 79.26 feet;
Thence N59°23'21"E a distance of 52.83 feet;
Thence S27°15'41"E a distance of 78.88 feet;
Thence S58°57'07"W a distance of 52.34 feet to the TRUE POINT OF BEGINNING.

Parcel contains 0.0953 acres more or less.

Site 8-

Beginning at NAF Station Monument NEI 22 (N-1883208.609, E-6736485.139);
Thence S61°04'12"W a distance of 182.03 feet to the TRUE POINT OF BEGINNING;
Thence S01°57'36"E a distance of 203.42 feet;
Thence N89°43'30"W a distance of 490.40 feet;
Thence N00°59'45"E a distance of 199.82 feet;
Thence N89°51'45"E a distance of 479.96 feet to the TRUE POINT OF BEGINNING.

Parcel contains 2.2448 acres more or less.

